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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/564,371	07/19/2006	Christian Danz	10191/4030	7826

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EXAMINER	
FAN, HONGMIN	
ART UNIT	**PAPER NUMBER**
2612	
MAIL DATE	**DELIVERY MODE**
10/30/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/564,371	DANZ ET AL.	
	Examiner	Art Unit	
	HONGMIN FAN	2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *28 August 2008*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *11,12 and 14-20* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *11-12, 14-20* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Status of the Claims

1. Claims 11-12, 14-20 are currently pending.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 11-12, 14-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shimizu et al (US 2002/0041239) in view of Pawlicki et al (US 7038577).

As to claim 11, referring to Fig. 1 and 6, Shimizu et al disclosed a parking aid system includes a display unit to visually display to a driver a target parking position, a subject vehicle position, an expected parking position in the case where the subject vehicle travels with a predetermined steering angle, and an operation switch for selecting a parking aid mode (¶0008, line 2-6). Further, the parking aid system includes a display unit to visually display to a driver a target parking position, a subject vehicle position, an expected parking position in the case where the subject vehicle travels with a predetermined steering angle, and an operation switch for selecting a parking aid mode (¶0010).

Shimizu et al did not disclose determining potential intersection with oncoming traffic and providing a warning signal. However, one of ordinary skills in the readily recognizes that when a driver is trying to parking in this situation, oncoming traffic avoidance would prevent

head on collision. Furthermore, oncoming traffic detection system is well known in the art and widely used. Pawlicki et al teach a object detection system for vehicle wherein the lane departure warning system may be operable in response to a single forward facing camera to monitor the lane markings 113e along the road surface and monitor the potential presence of oncoming traffic in an adjacent lane or lanes. Once the presence of oncoming traffic has been established, the lane departure warning system may issue an urgent audible warning if the vehicle begins to cross the lane marking 113e. Furthermore, if the vehicle has already begun to cross into the oncoming traffic lane before oncoming traffic is detected, the lane departure warning system may issue the urgent warning when oncoming traffic is detected. Therefore, it would have been obvious to one of ordinary skills in the art at the time of the invention to incorporate determining potential intersection with oncoming traffic and providing a warning signal in Shimizu's system in order to avoid head on collision.

As to claim 12, still referring to Fig. 6, Shimizu et al show the subject vehicle position and expected (i.e. final) parking position.

As claim 14, the claim is interpreted and rejected as claim 11.

As claim 15, the claim is interpreted and rejected as claim 11.

As claim 16, the claim is interpreted and rejected as claim 11.

As claim 17, the claim is interpreted and rejected as claim 11.

As claim 18, the claim is interpreted and rejected as claim 11.

As to claim 19, Shimizu et al teach a controller 1 including a microcomputer.

As claim 20, the claim is interpreted and rejected as claim 11.

Conclusion

3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hongmin Fan whose telephone number is 571-272-2784. The examiner can normally be reached on Monday - Friday, 8:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on 571-272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HF

/Daniel Wu/
Supervisory Patent Examiner, Art Unit 2612